

I-80: MOVING FREIGHT ACROSS IOWA

July 2018



INTERSTATE 80 PLANNING AND
ENVIRONMENTAL LINKAGES (PEL) STUDY

Having a quality transportation system is essential for Iowa's economic health. It sustains and creates new opportunities for growth. Iowa's increasing population and consumer demands for goods and services will rely upon a high-performing transportation system. Truck transport is the predominate mode of moving freight within and from the state. This means reinvesting in Iowa's highways is critical to maintaining its economic prosperity. Being centrally located and connecting its major cities, railroads, and waterway ports, I-80 is essential to the overall highway system's performance and freight transport.



Vision for
Infrastructure
Investment

The Interstate and Iowa's Economy

The linkage between the economy and transportation is complex. Fundamentally, transportation provides and promotes business and economic opportunities through:

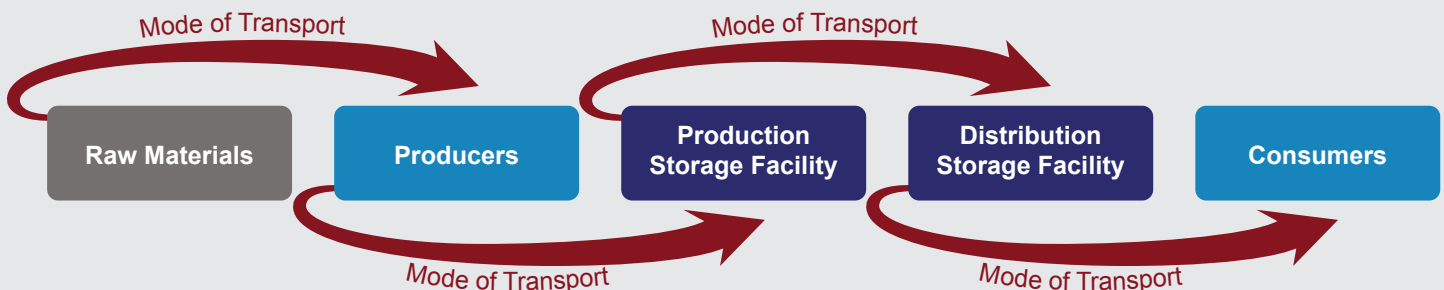
- **Access** – Connecting people, businesses, products and consumers.
- **Productivity** – Reducing costs for delivering supplies, products and services.
- **Competitive Advantage** – Attracting new businesses and industry.

Iowa Freight Facts

Iowa is fortunate to have a comprehensive roadway and highway network, well-developed railroads, and access to two major navigable waterways. As a producer-state, this complex system provides industries and businesses transport flexibility and supply chain options, creating cost efficiencies. Iowa's highway network, with I-80 as the central spine, is integral to this multi-stepped supply chain process, providing efficient and profitable transactions. With Iowa's annual freight tonnage projected to grow by 34 percent by 2040 and annual truck miles of travel by 66 percent, most of this will be handled by truck transport. This demonstrates that not only is I-80 critically important to the system's current supply chain efficiencies, its role will increase as Iowa's economy continues to grow.



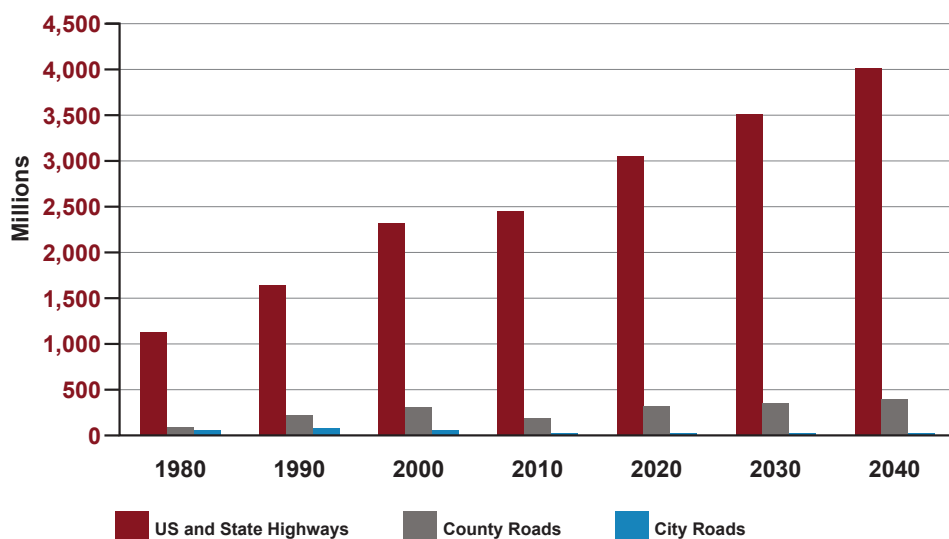
SUPPLY CHAIN PROCESS



Benefits of the Vision for Freight

Reinvesting in, expanding, and modernizing I-80 across Iowa will provide long-lasting and sustained freight transport benefits. Whether transporting raw materials, farm products or manufactured goods, the I-80 Vision will benefit all Iowans. It will improve the overall travel efficiencies of Iowa's highway system, resulting in decreased travel times and higher operating speeds. More efficient truck travel will result in lower operating costs for motor carriers, producers, and businesses at each step of the supply chain. This will result in reduced costs for the end consumer. With the Vision, between now and 2050, a total of over 475 million hours of travel delay will be eliminated, including truck traffic. These improved efficiencies will promote and further drive Iowa's growing economy throughout this century.

IOWA ANNUAL TRUCK MILES TRAVELED



Source: Iowa in Motion: Statewide Freight Plan, 2016



Truck Features in the Vision

- **Modern Design** – Additional general lanes, wider roadside and smoother alignment for improved and safer truck and auto travel.
- **Rest Areas** – Reconstructed facilities when needed.
- **Truck Parking** – Management and information system for improved efficiencies.
- **Truck Management** – Future possible studies and deployment of lane and speed restrictions.

